## **Step 1 Project Overview**

## The final project is a chance for you to combine and practice everything you learned in this section of the Nanodegree program. You will be making your own multi-screen Android app to share your knowledge about a city you are very familiar with.

## The goal is to create a tour guide app which presents relevant information to a user who’s visiting your city. The app can list top attractions, restaurants, public places, or events for the city. It can contain all the best known secrets that only locals know. It’s up to you which categories you want to provide, as well as what information to provide in each category.

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### **Why this project?**

## In the most recent portion of the Nanodegree program, you worked to build the Miwok language app, which taught you how to present information in a multi-screen app to your users. Now, you will practice that skillset by presenting information that you care about in your own life to a user. Your Tour Guide app will be unique to your city, your life, and your interests.

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### **What will I learn?**

## This project is about combining various ideas and skills we’ve been practicing throughout the course. They include:

## Planning your app design and navigation before coding.

## Selecting proper data structures to store lists of information.

## Building layouts to display those lists of data.

## Navigating between those lists using intents and multiple Activities or a ViewPager.

## Creating your own custom classes.

## Properly handling images or audio (if applicable).

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### **Subscription vs Free-Version student**

## If you are subscribed to the paid Nanodegree program, coaches will be available in the Coaches Lounge to help guide you through the final project. You will receive feedback after submitting your project and a verified certificate after successfully finishing this project.

## If you are enrolled in the free version of this course, the project rubric and all of the project details are available to you.

## Either way, we would love to see a description and link to your app on the discussion forum.

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**Step 2:**

## **Build Your Project**

For this project, you'll be making a Tour Guide app. This is an app with multiple screens, each of which lists a kind of attraction for a given city, national park, or historical monument. For instance, an app focused on Mountain View, CA might include a list of startup headquarters as well as a list of restaurants and a list of parks.

Once you've decided on the location you'd like to show off, you'll want to build the structure of your app. Using the skills from the Miwok app, you'll make multiple screens, each containing a list. You may choose to use explicit intents to move between activities, or you may choose to use a ViewPager combined with fragments.

Next, you'll fill in those lists with list items, populated using a custom adapter. It may make sense for some lists to include information such as a phone number or business hours, but for others it may make more sense to have a photograph. Design your adapter based on the information you would like to show.

Your project will be evaluated using the [Tour Guide App project rubric](https://review.udacity.com/#!/rubrics/161/view).

**Step 3:**

## **Prepare for Submission**

### **Clean Your Build**

Before submitting, please follow the instructions for cleaning your project files. This removes some temporary files and greatly decreases the size of your project.

[Cleaning your project files](https://d17h27t6h515a5.cloudfront.net/topher/2016/June/5769c116_1000-files-tutorial/1000-files-tutorial.pdf)

### **Review the Project Rubric**

Udacity reviewers will be reviewing your project based on the project rubric. All specifications must be met to pass the project.

[Project review Rubric](https://review.udacity.com/?_ga=1.134021710.1362034947.1463828731#!/rubrics/161/view)

### **Final Submission Checklist**

Before submitting your project for evaluation, we recommend that you check that each of the following is true:

1. Your app compiles and runs as expected.
2. You are proud of your app and its output.
3. You completed this project according to instructions.
4. You cleaned the project using the instructions above.
5. You checked your project against the rubric.

### **Zip your Project for Submission**

Be sure to zip your whole android project only after you have cleaned it.